## Service Information Bulletin

### Subject
Aftertreatment SCR Circuit Diagrams

### Date
March 2014

### Additions, Revisions, or Updates

<table>
<thead>
<tr>
<th>Publication Number / Title</th>
<th>Platform</th>
<th>Section Title</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDC-SVC-MAN-0084</td>
<td>EPA10 DD</td>
<td>EPA10 SCR Circuit Diagram</td>
<td>These are two new subsections under a new section heading &quot;Aftertreatment SCR Circuit Diagrams.&quot;</td>
</tr>
<tr>
<td></td>
<td>GHG14 DD</td>
<td>GHG14 SCR Circuit Diagram</td>
<td></td>
</tr>
</tbody>
</table>

---

13400 Outer Drive, West, Detroit, Michigan 48239-4001  
Telephone: 313-592-5000  
www.demanddetroit.com
2 EPA10 SCR Circuit Diagram

Figure 1. EPA10 SCR Circuit Diagram
3   GHG14 SCR Circuit Diagram

Figure 2. GHG14 SCR Circuit Diagram

1. DEF Tank Screen  
2. DEF Line Tank to DEF Pump  
3. Pump Electric Motor  
4. Ventilation Membrane  
5. Freeze Protection Element  
6. DEF Pump Suction Port  
7. DEF Pump Pressure Port  
8. DEF Pump Coolant Inlet Port  
9. DEF Pump Coolant Outlet Port  
10. Pressure Relief Valve  
11. Filter Screen  
12. Dosing Valve  
13. Pressure Sensor  
14. Heating Element  
15. Backflow Orifice  
16. Atomizer  
17. Filter Screen  
18. Doser Inlet Port  
19. Doser Outlet Port  
20. DEF Doser Return Line to Tank  
21. Coolant Valve  
22. DEF Tank Header  
23. Coolant Heating Circuit Inside DEF Tank  
24. DEF Level Sensor  
25. DEF Tank Temperature Sensor  
26. Coolant Line Engine to Control Valve  
27. Coolant Line Tank to DEF Pump  
28. Coolant Line DEF Pump to Engine  
29. DEF Line to DEF Pump to Dosing Unit  
30. Engine  
31. DEF Tank  
32. DEF Pump Module  
33. DEF Dosing Unit

All information subject to change without notice.
Copyright © 2014 DETROIT DIESEL CORPORATION